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Numerical study on heat transfer enhancement of thermal energy storage systems considering radiation of molten salt

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Solar Energy, 2019, 183, 337-344.

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14	Design, worst case study, and sensitivity analysis of a net-zero energy building for sustainable urban development. <i>Sustainable Cities and Society</i> , 2020 , 54, 101991	10.1	3
13	Effect of radiation on the effective thermal conductivity of encapsulated capsules containing high-temperature phase change materials. <i>Renewable Energy</i> , 2020 , 160, 676-685	8.1	6
12	Thermal Calculation and Experimental Investigation of Electric Heating and Solid Thermal Storage System. <i>Energies</i> , 2020 , 13, 5241	3.1	1
11	Comparative research of heat discharging characteristic of single tank molten salt thermal energy storage system. <i>International Journal of Thermal Sciences</i> , 2021 , 161, 106704	4.1	6
10	Heat transfer characteristics of molten salt flowing in steam generator. <i>Thermal Science</i> , 2021 , 225-225	1.2	
9	An analytical correlation for conjugate heat transfer in fin and tube heat exchangers. <i>International Journal of Thermal Sciences</i> , 2021 , 164, 106915	4.1	4
8	Comprehensive thermal properties of molten salt nanocomposite materials base on mixed nitrate salts with SiO ₂ /TiO ₂ nanoparticles for thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2021 , 230, 111215	6.4	2
7	Radiative contribution to thermal grating decay. <i>Journal of Applied Physics</i> , 2021 , 130, 205103	2.5	0
6	Technical Challenges and Their Solutions for Integration of Sensible Thermal Energy Storage with Concentrated Solar Power Applications Review. <i>Process Integration and Optimization for Sustainability</i> , 1	2	0
5	Dryout Quality Prediction in Helical Coils Based on the Nonuniform Liquid Film Thickness Distribution: A Model Study. <i>SSRN Electronic Journal</i> ,	1	
4	Performance Improvement and Investigation of Radiation Heat Transfer of Chloride Salt as High-Temperature Heat Storage Medium. <i>SSRN Electronic Journal</i> ,	1	
3	Dryout quality prediction in helical coils based on non-uniform liquid film thickness distribution: A model study. 2023 , 218, 119326		0
2	Performance improvement and investigation of radiation heat transfer of chloride salt as high-temperature heat storage medium. 2022 , 119494		0
1	A review of the effects of different parameters on salt-based solar thermal energy storage systems. 11,		0